

## PATENT ASSIGNMENT COVER SHEET

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|   | CRANITE SYSTEMS, INC.       | 04/09/2008            |
| <b>RECEIVING PARTY DATA</b>   |                             |                       |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 324413.48/MFCP.209625       |                       |
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| <b>DATE SIGNED:</b>   | 10/20/2015                  |                       |
| <b>Total Attachments: 3</b>   |                             |                       |
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## Exhibit A

### ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, Cranite Systems, Inc. a corporation having a primary place of business at ("*Assignor*"), does hereby sell, assign, transfer and convey unto Microsoft Corporation., having an office at One Microsoft Way, Redmond, WA 98052 ("*Assignee*") or its designees, all of Assignor's entire right, title and interest in and to (a) all patents and patent applications listed below; (b) all reissues, reexaminations, continuations, parents, continuations-in-part, divisionals and extensions (collectively "related cases") of such patents and patent applications; and (c) all foreign counterparts to any or all of the foregoing (collectively "*Patent Rights*");

| Patent       | Serial /<br>Publication         | Issue /<br>Publication<br>Date | Filed      | Title  |
|--------------|---------------------------------|--------------------------------|------------|--|
|              | US 60/343,307                   |                                | 2001-12-20 | Logical virtual bridged local area networks  |
| US 7,188,364 | US10/057,566                    | 3/6/2007                       | 2002-01-25 | Personal virtual bridged local area networks |
|              | PCT/US02/02905<br>WO2003/055151 | 7/3/2003                       | 2002-02-01 | Personal virtual bridged local area networks |
|              | US11/432,844                    | 9/14/2006                      | 2006-05-12 | Method and apparatus for local area networks |
|              | US10/754,402                    | 7/22/2004                      | 2004-01-09 | Public Access Point                          |
|              | US11/841,910                    |                                | 8/20/2007  |  |
|              | JP2003000555749<br>JP2005513915 | 5/12/2005                      | 2002-02-01 | Personal virtual bridged local area networks |
|              | EP02706104<br>EP1457004         | 9/15/2004                      | 2002-02-01 | Personal virtual bridged local area networks |
|              | CN2002000825771<br>CN1606849    | 4/13/2005                      | 2002-02-01 | Personal virtual bridged local area networks |
|              | KR10-2004-7009204               |                                | 2002-02-01 | Personal virtual bridged local area networks |
|              | AU2002000240211<br>AU2240211AA  | 7/9/2003                       | 2002-02-01 | Personal virtual bridged local area networks |
|              | HK05101109.1<br>HK1071246       | 2005-07-08                     | 2005-02-12 | Personal virtual bridged local area networks |
|              | IN00712/KOLNP/2004              |                                | 2002-02-01 | Personal virtual bridged local area networks |

| Patent       | Serial /<br>Publication            | Issue /<br>Publication<br>Date | Filed      | Title                      |
|--------------|------------------------------------|--------------------------------|------------|----------------------------|
|              | PCT/US04/42078                     | 2005-08-04                     | 2004-12-14 | Public Access Point        |
|              | CN2004080039994<br>CN1910861       | 2007-02-07                     | 2004-12-14 | Public Access Point        |
|              | EP04814283                         |                                | 2004-12-14 | Public Access Point        |
|              | JP2006000549290<br>JP2007518356    | 2007-07-05                     | 2004-12-14 | Public Access Point        |
|              | KR1029005<br>KR2006107016040       | 2006-12-14                     | 2006-08-09 | Public Access Point        |
|              | KR6129005<br>KR2006000016040       | 2006-12-14                     | 2006-08-09 | Public Access Point        |
|              | HK07102520.8<br>HK1095053          | 2007-04-20                     | 2007-03-07 | Public Access Point        |
|              | IN1692/KOLNP/2006                  |                                | 2004-12-14 | Public Access Point        |
|              | US11/841,863                       |                                | 2007-08-20 |                            |
|              | US11/841,910                       |                                | 2007-08-20 |                            |
|              | US11/841,703                       |                                | 2007-08-20 |                            |
| US 7,120,791 | US10/286,634                       | 10/10/2006                     | 11/1/2002  | Bridged Cryptographic VLAN |
|              | US11/351,664                       | 01/24/2008                     | 2/10/2006  | Bridged Cryptographic VLAN |
|              | PCT/US03/34855<br>WO2004/042984    | 2004-05-21                     | 10/30/2003 | Bridged Cryptographic VLAN |
|              | EP2003000789723<br>EP1556990       |                                | 10/30/2003 | Bridged Cryptographic VLAN |
|              | JP2004000550404T<br>JP2006505222T2 | 2006-02-09                     | 10/30/2003 |                            |
|              | CN2006010150292<br>CN1976317       | 2007-06-06                     | 10/30/2003 | Bridged Cryptographic VLAN |
|              | CN2003080102443<br>CN1708940       | 2005-12-14                     | 10/30/2003 | Bridged Cryptographic VLAN |
|              | AU2003000294242<br>AU3294242       | 2004-06-07                     | 10/30/2003 | Bridged Cryptographic VLAN |
|              | 00751/KOLNP/2005                   |                                | 4/28/2005  |                            |
|              | HK07107921.2<br>HK1100111          | 2007-09-07                     | 7/21/2007  | Bridged Cryptographic VLAN |

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IN WITNESS WHEREOF this Assignment of Patent Rights is executed at Monterey, CA  
on 4/9/08.

ASSIGNOR

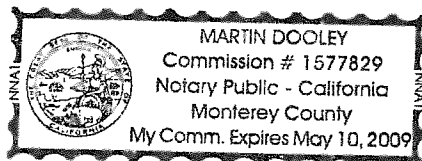
By: Dennis Volpano  
Name: Dennis Volpano  
Title: Secretary

(Signature MUST be notarized)

STATE OF CALIFORNIA  
COUNTY OF MONTEREY

SUBSCRIBED AND SWORN BEFORE ME  
THIS 9TH DAY OF APRIL 20 08  
M. E. Dwyer  
NOTARY PUBLIC

BY DENNIS VOLPANO,  
Proved to me on the basis  
of satisfactory evidence  
to be the person who  
appeared before me. P



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